Amendments to the Abstract:

Please replace the Abstract with the following amended Abstract:

A [~~The invention relates to a~~] method and system of forming an X-ray layer image of an object [~~(9) to be~~] being examined by [~~means of~~] an X-ray device having [~~which includes~~] an X-ray source [~~(2)~~] and an X-ray detector [~~(3);~~] is described. At least one of the X-ray source [~~(2)~~] and the X-ray detector [~~(3) are~~] can be displaced in an angular range [~~(14)~~] around the object [~~(9) to be examined~~] in order that [~~to acquire~~] X-ray projection images are acquired from different directions. When forming only a single X-ray layer image [~~is to be formed~~], or a plurality of X-ray layer images of parallel layers [~~(S1, S2)~~] of the object [~~(9) to be examined~~], [~~in accordance with the invention it is possible to reduce the expenditure required, notably~~] the time required for the acquisition of the X-ray projection images[~~,~~] is notably reduced by forming the X-ray layer image directly from the X-ray projection images, where the resulting X-ray layer image is [~~being~~] situated in a plane which extends essentially perpendicularly to the bisector [~~(20)~~] of the angular range of displacement. [~~(14), the~~] The angular range of displacement can be [~~(14) amounting to~~] less then 180°. The system and method is [~~invention also relates to a corresponding X-ray device,~~] notably applicable to a C-arm X-ray device[~~. The~~], in which the angular range [~~(14)~~] can [~~then~~] be chosen at will [~~in the C-arm~~].